

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

1. (Currently Amended) A system for transmitting an authorization message to a mobile platform comprising:

at least one ground station having transmit equipment, the transmit equipment further comprising a path having a unique address; and

at least one transponder that transmits data to the mobile platform; and wherein when the transmit equipment transmits the unique address in a signal to the mobile platform via the transponder, the unique address serves as the authorization message, wherein the signal is transmitted to the mobile platform at least approximately every thirty seconds.

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2. (Original) The system of Claim 1, wherein the transponder is on a satellite.

3. (Currently Amended) A system for transmitting an authorization message to a mobile platform comprising:

at least one ground station having transmit equipment, the transmit equipment comprising return link assignments; and

at least one transponder that transmits data to the mobile platform;

wherein when the transmit equipment transmits the return link assignment in a signal to the mobile platform via the transponder, the return link assignment serves as the authorization message, wherein the signal is transmitted to the mobile platform at least approximately every thirty seconds.

4. (Original) The system of Claim 3, wherein the transponder is on a satellite.

5. (Currently Amended) A system for transmitting an authorization message to a mobile platform comprising:

at least one ground station having transmit equipment, the transmit equipment further comprising a path having a unique address and return link assignments; and

at least one transponder that transmits data to the mobile platform; and
wherein the transmit equipment combines the unique address and the return link assignment into a single signal that serves as the authorization message, and wherein the single signal is transmitted to the mobile platform at least approximately every thirty seconds.

6. (Original) The system of Claim 5, wherein the transponder is on a satellite.

7. (Currently Amended) A method for transmitting an authorization message from a ground station to a mobile platform, the method comprising the steps of:

- (a) transmitting a signal comprising a unique address from a ground station to a mobile platform via a transponder;
- (b) ~~wherein—using~~ the unique address ~~serves~~ as the authorization message; and the signal is transmitted
- (c) ~~transmitting the signal to the mobile platform at least every thirty seconds, the~~ repeatedly at a predetermined interval; and
- (d) ~~using the authorization message authorizing to authorize~~ the mobile system to continue transmitting for a predefined time period after receiving the
A3 authorization message.

8. (Original) The method of Claim 7, wherein the transponder is on a satellite.

9. (Currently Amended) A method for transmitting an authorization message from a ground station to a mobile platform, the method comprising the steps of:

- (a) transmitting a signal comprising a return link assignment from a ground station to a mobile platform via a transponder;
- (b) ~~wherein—using~~ the return link assignment ~~serves~~ as the authorization message; and
- (c) ~~transmitting the signal is transmitted~~ to the mobile platform at least every thirty seconds, a predetermined interval; and

(d) using the authorization message authorizing-to authorize the mobile system to continue transmitting for a predefined time period after receiving the authorization message.

10. (Original) The method of Claim 9, wherein the transponder is on a satellite.

11. (Currently Amended) A method for transmitting an authorization message from a ground station to a mobile platform, the method comprising the steps of:

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(b)(a) embedding a return link assignment within a signal comprising a unique address; and

(a)(b) transmitting the signal comprising the unique address and the return link assignment from a ground station to a mobile platform via a transponder;

(c) wherein using the return link assignment is transmitted-to transmit to the mobile platform with the unique address signal at least approximately every thirty seconds; and

(d) as-an-using the authorization message to authorize the mobile system to continue transmitting for a predefined time period after receiving the authorization message.

12. (Original) The method of Claim 11, wherein the transponder is on a satellite.

13. (New) A method for transmitting an authorization message from a ground station to a mobile platform, the method comprising the steps of:

- (a) activating a link manager to communicate with a routing unit that provides communication between the ground station and the mobile platform via transmitting equipment;
- (b) determining a path having a unique address used as the authorization message;
- (c) transmitting a signal comprising the unique address from the transmitting equipment to the mobile platform at a predetermined interval via a transponder; and
- (d) using the authorization message to authorize the mobile system to continue transmitting for a predefined time period after receiving the authorization message.

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14. (New) The method of Claim 13, wherein the transponder is on a satellite.

15. (New) A method for transmitting an authorization message from a ground station to a mobile platform, the method comprising the steps of:

- (a) activating a link manager to communicate with a routing unit that provides communication between the ground station and the mobile platform via transmitting equipment;
- (b) determining a path having a return link assignment used as the authorization message;

(c) transmitting a signal comprising the unique address from the transmitting equipment to the mobile platform at a predetermined interval via a transponder; and

(d) using the authorization message to authorize the mobile system to continue transmitting for a predefined time period after receiving the authorization message.

16. (New) The method of Claim 15, wherein the transponder is on a satellite.

17. (New) A method for transmitting an authorization message from a ground station to a mobile platform, the method comprising the steps of:

(a) activating a link manager to communicate with a routing unit that provides communication between the ground station and the mobile platform via transmitting equipment;

(b) determining a path having a unique address and a return link assignment used as the authorization message;

(c) transmitting a signal comprising the unique address from the transmitting equipment to the mobile platform at a predetermined interval via a transponder; and

(d) using the authorization message to authorize the mobile system to continue transmitting for a predefined time period after receiving the authorization message.

18. (New) The method of Claim 17, wherein the transponder is on a satellite.